



Dave Freudenthal
Governor

State of Wyoming

**William
Westerfield**
Chairman

Public Safety Communications Commission

October 30, 2010

The Honorable Dave Freudenthal
Governor, State of Wyoming
Capitol Building
Cheyenne, WY 82002

Dear Governor Freudenthal;

By Wyoming Statute 9-2-1104, the Wyoming Public Safety Communications Commission (PSCC) is to report, in writing each year in October, to the governor concerning any problems related to the installation, operation and maintenance of the statewide radio communications system. Attached is the annual report for October 2010, which includes the past year achievements, PSCC Organization, current activities, priorities for the next year, challenges and information on WyoLink usage.

If you have any further questions or comments, please feel free to contact me.

Respectfully,

A handwritten signature in cursive script that reads "Will: Westerfield".

William Westerfield, Chairman



Dave Freudenthal
Governor

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**William
Westerfield**
Chairman

Public Safety Communications Commission

~ 2010 Annual Report to the Governor of the State of Wyoming ~

Mission Statement and Statutory Responsibilities

The mission of the Wyoming Public Safety Communications Commission (PSCC) is to develop recommendations for policy and guidelines, identify technology and standards, and coordinate intergovernmental resources to facilitate statewide wireless communications interoperability with emphasis on public safety.

Wyoming Statute 9-2-1104 states the commission shall:

- (ii) **Report in writing each year in October to the governor concerning any problems related to the installation, operation and maintenance of the system and shall make any recommendations it deems appropriate as part of the report.**

Achievements for 2009 and 2010

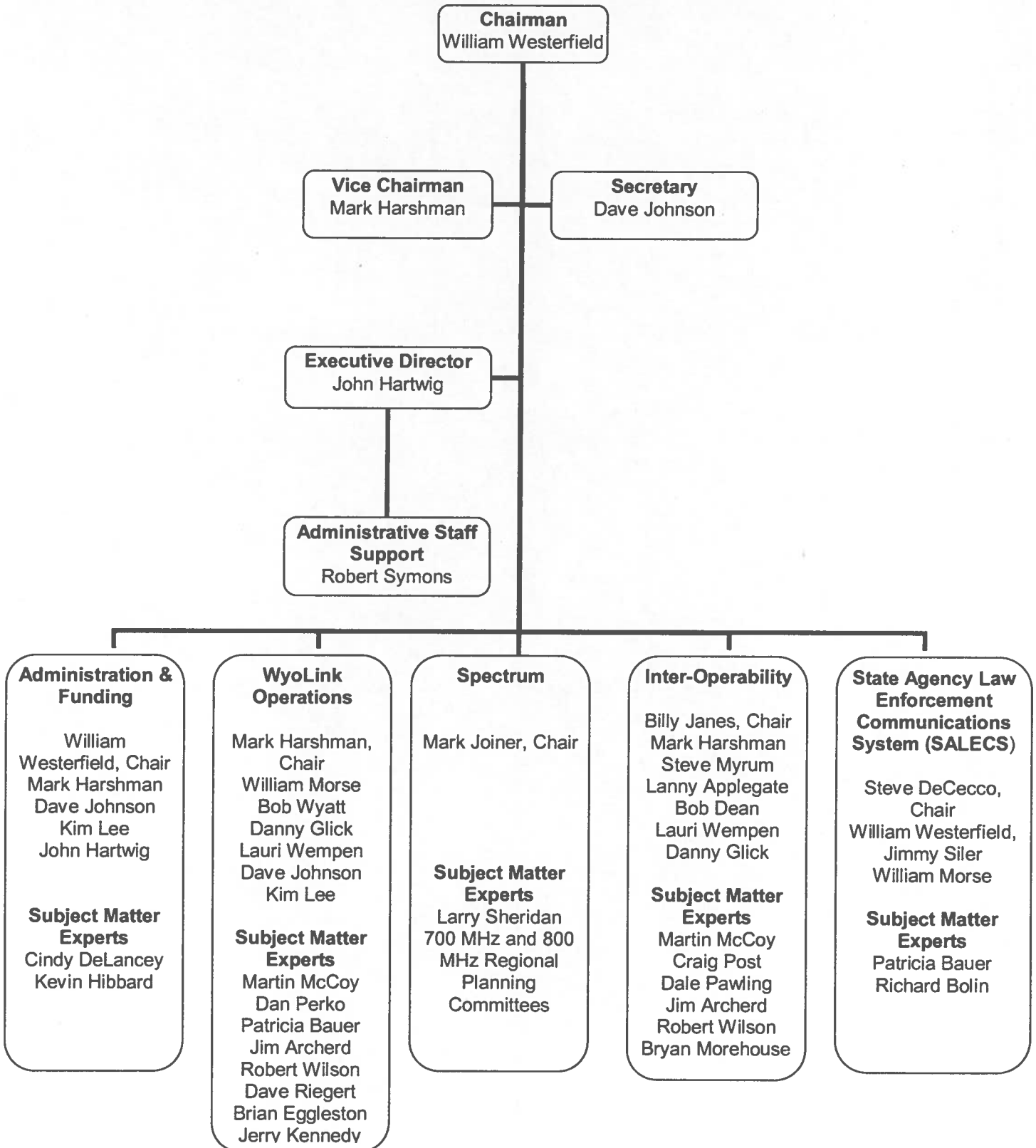
The Public Safety Communications Commission (PSCC) and the WyoLink program have achieved many accomplishments and goals this past year:

- Successfully tested an Inter Sub-System Interface (ISSI) between WyoLink and Colorado 800 MHz trunked radio system for interoperability between Wyoming and Colorado.
- Federal Communications Commission licensed 74 National Telecommunications and Information Administration (NTIA) shared Federal frequencies for WyoLink usage. Five WyoLink sites were activated and 10 WyoLink sites were enhanced through the sharing of these frequencies.
- 73 WyoLink membership applications have been approved bringing the total to 209.
- 6,400 subscriber units (console positions, mobile and portable radios) programmed and operable on WyoLink. Over 5 million radio calls this year, a 347% increase over last year.
- 48 of 55 core WyoLink radio sites have been activated and are operational
- Construction started on two core WyoLink sites. Two City of Gillette funded 800 MHz radio sites were constructed, activated and are now operational on the WyoLink system.
- Portable Radio Coverage Enhancement Grants were reviewed for 15 localities and will be constructed in 2010 or 2011. Natrona County and Casper will be migrating to WyoLink on their present 800 MHz system.
- Quarterly meetings were held in Rock Springs (March 2010) and Casper (September 2010) and two video conference meetings were held in December 2009 and June 2010.
- WyoLink and Interoperable Communications end-user training programs were provided by the Wyoming Law Enforcement Academy and the Wyoming Fire Marshal's Office with grants provided by Wyoming Office of Homeland Security.
- The Dispatch Center Grant Program was completed with all state funds dispersed.

Commission Members and Operating Structure

The PSCC is comprised of representatives appointed by the Governor from the following public safety agencies, professional associations, and State departments:

Representing	Name	Location
Wyoming Police Chief's Association	Billy Janes, Police Chief	Torrington
Wyoming Sheriff's Association	Danny Glick, Sheriff	Laramie County
Division of Criminal Investigation, Office of the Attorney General	Steve Myrum, DCI Information Technology	Cheyenne
Wyoming Game and Fish Department	Steve DeCecco, Regional Wildlife Supervisor	Green River
Wyoming Department of Transportation	Captain William Morse, Wyoming Highway Patrol	Cheyenne
Wyoming Livestock Board	Jimmy Siler, Law Enforcement Administrator	Cheyenne
Department of State Parks and Cultural Resources	William Westerfield, Chief of Operations/Chief Ranger	Cheyenne
Wyoming Fire Chief's Association	Mark Harshman, Division Chief Casper Fire Department	Casper
Wyoming State Fire Marshal	Lanny Applegate, Director	Cheyenne
Wyoming Office of Homeland Security	Kim Lee, Operations Chief	Cheyenne
The Public at Large	Robert J. Wyatt, Attorney	Sheridan
Ambulance and Emergency Medical Services Organization	Lauri Wempen, Director Fremont County Ambulance	Riverton
Municipal Government or a municipal government association	Dave Johnson, Wyoming Association of Municipalities	Cheyenne
County Government or county government association	Vacant, County Commissioner	
Wyoming Department of Health	Robert Dean, Senior EMS Trainer	Cheyenne
Tribal Government or tribal government association	Vernon Hill, Wind River EMA Coordinator	Fort Washakie
Federal Government or federal government association	Mark Joiner, US Bureau of Land Management	Lander



Wyoming PSCC Organization Chart
(Effective 10/31/2010)

Activities

Ongoing projects include:

- Working through the guidelines of the *WyoLink Readiness Document* to assist agencies in preparing for WyoLink migration and to identify the agency *Relationship Manager*
- Refinement of WyoLink operations to deliver outstanding service and availability
- Portable Radio Coverage Enhancement program and site development
- WyoLink and Interoperable Communications training
- Publication of PSCC quarterly newsletters and updating PSCC and WyoLink policies and activities on the PSCC website at <http://pscc.wyoming.gov>

Priorities for 2011

- Continue the emphasis on increasing utilization and partnerships
- Communication and collaboration with potential user agencies on WyoLink membership.
- Review and modification of WyoLink user training
- Monitor WyoLink system construction progress and activation of radio sites
- Work with the Wyoming Office of the Chief Information Officer (CIO) and *Link Wyoming* on studying public safety broadband usage and needs
- Provide support to the Wyoming Office of Homeland Security in the distribution of Federal interoperability funds to local authorities toward implementation of interoperable initiatives

Challenges

Coverage Enhancements

Elk Mountain - The PSCC, through the WyoLink Operations Work Group, and the WyoLink project Team have identified radio coverage problems along Interstate 80, in the Elk Mountain area. The WyoLink Project Team is currently working with Bureau of Land Management (BLM) on a lease for a WyoLink site on Halleck Ridge, with construction in 2011 to alleviate this matter.

Portable Coverage Enhancements – The PSCC reviewed 15 grants to local jurisdictions for portable radio coverage enhancements in Thermopolis, Lander, Riverton, Laramie, Wheatland, Torrington, Campbell County, Sheridan, Douglas, Sweetwater County, Natrona County/Casper, Powell, Sundance, Worland, and Rawlins. Additional testing may change the location of the Portable Coverage Enhancement sites. The Wyoming Legislature has provided \$12,030,000 to fund expansion of the core WyoLink system for local responder portable coverage. The PSCC will be working with the local jurisdiction to identify potential grant funds that may be used to augment the Wyoming funds for additional sites.

Radio Site Acquisitions

Permitting - Building a statewide trunked radio system in Wyoming requires the leasing of federal lands for radio sites. Many challenges and requirements exist when leasing Federal lands. The WyoLink Project Team is currently working with the Bridger/Teton National Forest on two (2) radio site leases and one (1) radio site lease in the Big Horn National Forest. These radio sites are part of

the core 57 radio-site plan for WyoLink. The WyoLink Project Team is working with the State of Idaho on a site sharing agreement for a radio site in Idaho. The leasing process is moving forward on all lease applications. The WyoLink Project Team has been addressing all concerns as they have been brought forth by the Federal Agencies. Upon the receipt of the signed leases, construction can begin in 2011.

The lease for a radio site has been received for Salt Pass (Lincoln County) and construction has started with completion in 2011.

Department of Interior Innovations and Efficiencies Team (DIET)

The United States Department of the Interior (DOI) has placed a high priority on all departments and agencies to determine where significant resource savings can be realized within Information Technology (IT), including communications. The DOI reviewed 367 different IT projects and programs and determined 10 of them would best meet the Administration's and DOI's need to reduce resource costs while striving to improve IT capabilities. The DOI State Outreach program was chosen as one of the 10 projects and is designated the DIET Radio Site consolidation project.

The premise of the project is to determine where the DOI can integrate scarce radio resources, whether within the DOI or in conjunction with State and Region wide networks. Wyoming and Montana were chosen as the first states to review communications sharing. Both states are in the process of building state-wide interoperable radio systems which meet the DOI's criteria and both states have signed memoranda of understanding (MOU) for resource sharing which will improve radio system interoperability.

The State of Wyoming has been working with the DOI on federal frequency sharing and review of current DOI radio sites in Wyoming. The PSCC and the WyoLink project Team will continue to work with the DOI on potential leasing of current DOI radio sites which will provide the coverage expected by WyoLink system users.

Wyolink Usage

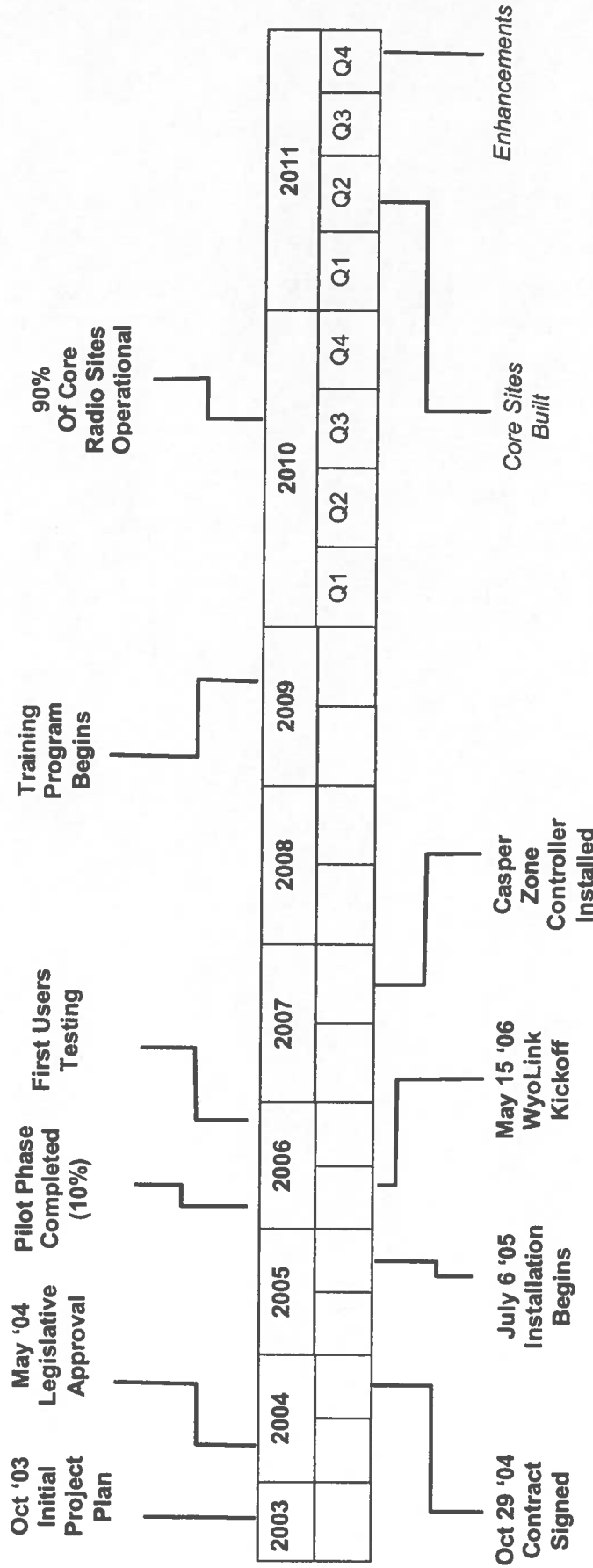
Current Reporting Period (October 2009 – September 2010)						
Month/Year	Calls	Duration hours:minutes:seconds	Average Voice Call Duration seconds	Percentage Buses Statewide	Busy Call Duration hours:minutes:seconds	Average Busy Wait seconds
Oct - 2009	232,871	763:27:23	0:00:12	0.079%	0:11:29	0:00:07
Nov - 2009	246,682	715:07:23	0:00:10	0.064%	0:11:33	0:00:04
Dec - 2009	339,994	1059:44:50	0:00:11	0.076%	0:14:51	0:00:03
Jan - 2010	290,912	900:26:04	0:00:11	0.013%	0:02:47	0:00:04
Feb - 2010	392,131	1375:16:53	0:00:13	0.011%	0:01:56	0:00:03
Mar - 2010	519,197	1730:59:09	0:00:12	0.026%	0:05:59	0:00:03
Apr - 2010	596,824	1822:36:49	0:00:11	0.019%	0:02:56	0:00:02
May - 2010	651,170	2049:11:45	0:00:11	0.186%	1:24:28	0:00:04
June - 2010	567,971	1776:41:02	0:00:11	0.044%	0:14:13	0:00:03
July - 2010	674,865	2143:20:49	0:00:11	0.029%	0:10:16	0:00:03
Aug - 2010	666,432	2102:21:15	0:00:11	0.032%	0:11:19	0:00:03
Sept - 2010	677,476	2193:06:43	0:00:12	0.029%	0:10:25	0:00:03
Oct 09 – Sept 10	5,856,525	18,632:20:05	0:00:11	0.051%	3:02:12	0:00:04
Prior Reporting Period (October 2008 – September 2009)						
Oct 08 – Sept 09	1,689,632	4,910:48:41	0:00:10	0.017%	0:17:30	0:00:04

WyoLink Users

Albany County	Johnson County	Teton County Sheriff
AMR Ambulance - Cheyenne	Johnson County EMA	Teton Village Fire Department
Alcohol, Tobacco and Firearms	Johnson County Fire District	Torrington Police Department
Big Horn County	Johnson County Law Enforcement Dispatch	U.S. Marshals Service
Bureau of Indian Affairs	Laramie County	USDA Wildlife Service
Bureau of Land Management – Wyoming Office	Laramie County EMA and Fire Districts	USDA APHIS
Campbell County	Laramie County School District #1	U.S. Forest Service – Law Enforcement
Carbon County	Laramie County Sheriff	Wireless Advanced Communications
Cheyenne Fire & Rescue	Laramie Fire Department	Wyoming Air National Guard
Cheyenne Police Department	Laramie/Albany County Dispatch	Wyoming Army National Guard
City of Lander	Laramie County Dispatch	Wyoming Department of Agriculture
City of Riverton	Niobrara County	Wyoming Department of Corrections
Cody Police Department	National Weather Service	Wyoming Department of Health
Converse County	Park County	Wyoming Department of Transportation
Crook County	Park County Sheriff	Wyoming Game and Fish
Division of Criminal Investigations	Pine Bluffs Police Department	Wyoming Highway Patrol
Drug Enforcement Agency	Platte County Sheriff	WyoLink
Federal Bureau of Investigation	Powell Police Department	Wyoming Law Enforcement Academy
F.E. Warren AFB	Public Safety Communications Commission	Wyoming Livestock Board
Fremont County	Rawlins Police Department	Wyoming Office of Homeland Security
Fremont County Health	Riverton Police Department	Wyoming State Engineer's Office
Fremont County Transportation	Sheridan County	Wyoming State Fire Marshal
Gillette Police Department	Sheridan Police Department	Wyoming State Forestry
Goshen County	Sublette County	Wyoming State Parks
Hot Springs County	Sweetwater County	
Jackson Police Department	Teton County	

Agencies listed in **bold** are using WyoLink for some or all of the agency daily operations

Revised Estimated WyoLink Timeline



WyoLink Development

Five core WyoLink sites are not constructed. Two sites – Salt Pass (Lincoln County) has a lease from the U.S. Forest Service and construction has begun. The leasing process for Hell Hole in Idaho (Lincoln County) and Duncan Lake (Sheridan County) are expected to be completed by the end of 2010. Wyoming is working with the U.S. Department of Interior on a possible radio site in Grand Teton National Park. The lease for Pow Wow (Northern Lincoln County) is progressing with the Bridger Teton National Forest.

*Enhancements – Additional sites for coverage improvements – One additional core site has been identified in the Elk Mountain (Carbon County) area for improved coverage along Interstate 80 and will be completed in 2011. Fourteen communities have been identified for portable radio coverage enhancement and will be completed in 2011. The conversion of Casper's 800 MHz site to WyoLink is in progress with completion expected by the end of 2010. Additional portable radio coverage enhancement sites may be identified upon the addition of grant funds provided by local jurisdictions.